

1 *Sub B1* 1. (Once Amended) A method for determining a level of dietary  
2 antioxidant in a liquid sample comprising the steps of:  
3 providing a liquid sample containing dietary material or a biological fluid  
4 to be tested;  
5 contacting the liquid sample with an aqueous solution of elemental iodine  
6 and an iodophor to form a mixture; and  
7 measuring a change in a concentration of iodide ions in the mixture  
8 wherein the change corresponds to the level of dietary antioxidant  
9 in the dietary material or the biological fluid.

1 *Sub B2* 4. (Once Amended) A method for determining a level of dietary  
2 antioxidant in an aqueous liquid sample comprising the steps of:  
3 providing an aqueous liquid sample containing dietary material or a  
4 biological fluid to be tested;  
5 contacting the sample with an aqueous solution of elemental iodine and  
6 polyvinylpyrrolidone to form a mixture; and  
7 measuring an increase in a concentration of iodide ions in the mixture by  
8 means of an iodide selective electrode wherein the increase  
9 corresponds to the level of dietary antioxidant in the dietary  
10 material or the biological fluid.